



Applications:

- Field or processing centre based data content and format verification.
- 'Quick look' map display of source and receiver positions.
- SPS data set file summary and reporting.
- Verification of compliance with SPS V1.0 data format.

Key Features:

- Runs as full 32 bit application on Windows 2000, XP, Vista, Win7 (32&64)
- Familiar hierarchical folders for individual projects and line swaths in an Explorer style user interface.
- Fast and automated file recognition and input.
- Ability to manually label individual sources or receivers or automatically labels groups of either in graphical map display.
- Automated generation of graphical display to word processor documents or Windows Clipboard.
- Automated generation of all text based reports to word processor documents.
- SPS header format error reporting and embedded context-linked help facilities.
- Ability to view original ASCII text source, receiver and relationship files from within Regulus.
- Automatic generation of summaries of tapes, source lines, receiver lines and shot into receiver lines, good shots, killed shots, shot points and FFIDs.
- Check SPS Data Format function examines:-
 - File compliance with published format.
 - Inter-file relations
 - File data
 - Positions
 - Line positions
 - Semi-colons at the end of each line
 - Record length is 80 characters
 - Header Similarity
 - Mandatory records (including spares if required)
 - Position differences (compared to user defined criteria)
 - Water depths (compared to user defined limits)
 - Shotpoint intervals
 - Shotpoint times (within user defined tolerances]
 - Gun sequencing (marine)
 - Receiver intervals
 - Inter-channel gap (user defined)
 - Distances between consecutive sources [compared to user defined tolerance)
 - Distances between consecutive receivers (compared to user defined tolerance)

Minimum Recommended System Requirements:

PC:1 GHz Pentium or AMD desktop or notebook computer running Windows 2000/XP/Win7, with 40Gb HDD, 1 GB RAM, CDROM, suitable data exchange/transfer medium and sufficient disk storage for project data.